

20-Sep-16

REPORT OF NAVIGATION CHANNELS

EP 1130-2-520

COLUMBIA RIVER - OREGON & WASHINGTON

MORGAN CHANNEL THROUGH VANCOUVER U. TURNING BASIN

Minimum depths in each 1/4 width of
channel entering from seaward

Mid-Channel

Authorized Project NAME OF CHART Name of Channel (Mileage)	Date of Survey	Feet Width	Miles Length	Project Depth	Left Outside Quarter Feet	Left Inside Quarter Feet	Right Inside Quarter Feet	Right Outside Quarter Feet
MORGAN BAR Willow Upper Range (97.8 - 98.9) Morgan Bar (98.9 - 99.9) Morgan Channel (99.9 - 101.4) LOWER VANCOUVER BAR Vancouver Lower Channel (101.4 - 102.4) Vancouver Range (102.4 - 103.7) Vancouver Upper Channel (103.7 - 104.6) VANCOUVER TURNING BASIN Vancouver Lower Turn Basin (104.6 - 105.6) Vancouver Upper Turn Basin (105.6 - 106.5)	6-Sep-16							
		600	1.1	43	43	44	46	45
		600	1.0	43	41	46	49	50
		600	1.5	43	45	46	47	43
	29-Aug-16							
		500	1.0	43	46	48	46	44
		500	1.3	43	44	44	44	39
		500	0.9	43	45	45	43	42
	10-Aug-16							
		800	1.0	43	34	39	34	44
		800	0.9	35	36	30	25	22

ENG Form 4020-R (Nov 1990)
Reference is Navigation Chart No. 18524.
Note: All Depths at Columbia River Datum.

COLUMBIA RIVER CHANNEL DEPTHS MORGAN CHANNEL TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF 20-Sep-16								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD)*					PROJECT DIMENSIONS			
NAME OF CHANNEL	Left Outside Quarter	Left Inside Quarter	Right Inside Quarter	Right Outside Quarter	Date of Survey	Width (Feet)	Length STAT (Miles)	Depth (Feet)
Morgan Channel	45	46	47	43	6-Sep-16	600	1.5	43
Vancouver Lower Channel	46	48	46	44	29-Aug-16	500	1.0	43
Vancouver Range	44	44	44	39	29-Aug-16	500	1.3	43
Vancouver Upper Channel	45	45	43	42	29-Aug-16	500	0.9	43
Vancouver Lower Turning Basin	34	39	34	44	10-Aug-16	800	1.0	43
Vancouver Upper Turning Basin	36	30	25	22	10-Aug-16	800	0.9	35
Tomahawk Bar	Mid Channel for Half Project Width				10-Aug-16	300	3.7	27
		L Outside	Mid Channel	R Outside				
		15	16	19				
* For Controlling Depth Information, consult the Local Notice to Mariners and/or the following Portland District US Army Corps of Engineers website: http://www.nwp.usace.army.mil/Missions/Navigation.aspx <i>Channel status reports</i>								

Reduce size to **73%** of current size to print out to a size that matches tab boxes currently on NOAA charts.